



Norman H. Bangerter
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Executive Director
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Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
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Salt Lake City, Utah 84180-1203
801-538-5340

DOGM
MINERALS PROGRAM
FILE COPY

Date: JULY 14, 1992

Number of Pages Including This Cover Sheet: 7

TO: VI WEBB
McKEACHNIE & ALLRED

Phone: (Fax) 801 789 4918

FROM: TONY GALLEGOS

Minerals Reclamation and Development Program

Phone: (801) 538-5340

SUBJECT: ZIEGLER CHEMICAL & MINERAL CO. M/047/013
NOTICE OF INTENT (NOI) INFORMATION

REMARKS: THE NOI, OR "PLAN", IS TOO LENGTHY TO FAX.
THIS INFORMATION SHOULD PROVIDE YOU WITH SOMETHING
TO BUILD ON.

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MN9/61

EXECUTIVE SUMMARY

Mine Name: Zeigler Gilsonite Mines I.D. No.: M/047/013
Operator: Zeigler Chemical County: Uintah
& Minerals Corporation New/Existing: Existing
Star Route Mineral Ownership: Fee and State
Little Bonanza, Utah Surface Ownership: Fee and State
Telephone: (801) 789-3593 Lease No.(s): Various
Contact Person: Mr. Norman Haslem Permit Term: Life of Mine
Life of Mine: 20 Years
Legal Description: Sections 15, 16, 21, 22, 30, T9S, R24E and Section 29,
T10S, R21E, S.L.B.M.
Mineral(s) to be Mined: Gilsonite
Mining Methods: Pneumatic chipping hammers and conventional hoist
Acres to be Disturbed: Mine Area = 13.6, Processing Facilities = 12.4 acres
Present Land Use: Mining and wildlife grazing
Postmining Land Use: Wildlife grazing
Variances from Reclamation Standards (Rule M-10) Granted: None

Soils and Geology:

Soil Description: Sandy loam
pH: 8.4 - 8.8
Special Handling Problems: Very little soil will be disturbed
Geology Description: The gilsonite veins are very narrow (3' to 8' width)
and practically vertical. They are mined up to a depth of 1,000 feet.

Hydrology:

Groundwater Description: Water is pumped from several of the shafts. A
discharge permit has been approved by the Division of Environmental Health.
Surface Water Description: No ephemeral or perennial streams are located in
the vicinity of mine operations.
Water Monitoring Plan: N/A

Ecology:

Vegetation Type(s); Dominant Species: Shadscale, sagebrush, rabbitbrush,
four-wing salt bush, cheatgrass, Indian ricegrass and galleta
Percent Surrounding Vegetative Cover: 15-20%
Wildlife Concerns: None
Surface Facilities: Each mine site has a headframe and hoisthouse.
Processing and storage facilities are centralized.
Mining and Reclamation Plan Summary: See attached.

Surety:

Amount: \$69,100
Form: Letter of Credit
Renewable Term: One Year

During Operations

1. Gilsonite will be mined with pneumatic chipping hammers and hoisted to the surface. Average production is about 12,000 tons of gilsonite per year.
2. The gilsonite is trucked to the processing facilities where it is pulverized, solar dried, and packaged for shipment.

After Operations

1. All trash, equipment and unuseable structures will be removed or buried onsite.
2. The shafts will be sealed with a cement cap.
3. Gilsonite will be cleaned up and buried.
4. All disturbed areas will be recontoured, scarified, and seeded.

Div. of Oil, Gas & Mining

MR FORM 8

Page 1 of 2

Mine: Ziegler - Gilsonite Mines

File No: M/047/013

Submitted by:

Applicant Ziegler Chemical &
Minerals Corporation

Representative Norman Haslem
Mine Superintendent

Address Star Route, Little
Bonanza, Vernal, Utah 84078

Division of Oil, Gas, and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Commitment of Rule M-10

Gentlemen:

I hereby commit the applicant to comply with Rule M-10, "Reclamation Standards" in its entirety, as adopted by the Board of Oil, Gas, and Mining on March 22, 1978.

The applicant will achieve the reclamation standards for the following categories as outlined from Rule M-10 on all areas of the land affected by this mine, unless a variance is granted in writing by the Division.

<u>Rule</u>		<u>Category of Commitment</u>
M-10(1)		Land Use
M-10(2)		Public Safety & Welfare
M-10(3)	NA	Impoundments
M-10(4)		Slopes
M-10(5)	NA	Highwalls
M-10(6)		Toxic Materials
M-10(7)		Roads & Pads
M-10(8)		Drainages
M-10(9)		Structures & Equipment
M-10(10)		Shafts & Portals
M-10(11)		Sediment Control
M-10(12)		Revegetation
M-10(13)	NA	Dams
M-10(14)		Soils

* (List of mines attached.)

1210R/59

I believe a variance is justified on a site-specified basis for the following subsections of Rule M-10 for reclamation on this mine and have enclosed as an attachment to this letter a narrative statement setting forth a description of the extent of the variance request and factual reasons for said variance request.

<u>Rule</u>	<u>Category of Variance Request(Narrative Attached)</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

STATE OF UTAH
COUNTY OF UINTAH

I, Norman R Haslem, having been duly sworn depose and attest that all of the representations contained in the foregoing application are true to the best of my knowledge; that I am authorized to complete and file this application on behalf of the Applicant and this application has been executed as required by law.

Signed: Norman R Haslem

Taken, subscribed and sworn to before me the undersigned authority in my said county, this 14th day of October, 1987.

Notary Public: Mary M Chapman

My Commission Expires: April 18, 1990

ZIEGLER GILSONITE MINES

<u>Name</u>	<u>Acres</u>
Little Bonanza #12	1.51
Little Bonanza #11	1.01
Little Bonanza #3	1.14
Little Bonanza #1	2.11
Little Emma #7	1.10
Cottonwood #1	1.24
Cottonwood #2	.50
Independent #3	1.38
Independent #4	1.41
Independent #5	1.20
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MINING PLAN FOR
ZIEGLER CHEMICAL AND MINERAL CORPORATION
GILSONITE MINES
UINTAH COUNTY, UTAH
FEBRUARY, 1987

Prepared By:
Law Firm of Nielsen & Senior
363 East Main Street
Vernal, Utah 84078

The following Mine Reclamation Mine Plan is submitted as a supplement to the July 6, 1986 Mine Plan and addresses the issues raised in Susan C. Linner's letter of September 9, 1986.

RECEIVED
FEB 23 1987

DIVISION OF
OIL, GAS & MINING

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